— Tuesday Jan. 13th - 1846 —

— 9 o'clock Dr. Dorsey — Antilithics continued

— Arbutus Uva Ursi — Astringent

has no sensible action upon the pulse

— the action of the heart & arteries are not

increased by it. Dose 3/s — does not occa-

-sion nausea, or vomiting. Dr Barton

who was very fond of small doses gave it in

Dops of 2 or 3 grs. Dr Monroe Senior used to

order 1/2 a grain 2 a day. — Used in cases

of Nephritis by Dr Ferriar — but without

the use of other more effectual remedies I do

not think Uva ursi will cure Nephritis —

— This medicine has been used in affec-

-tions of the urinary organs besides in Stone

& nephritis — in ulceration & irritabil-

-ity of Bladder — in dysuria &c — I do not

think that uva ursi will be able to do any

harm — for it has no irritating property —

— In Strangury &c. — In chronic Gonorrhea

— uva ursi may be of use in all those

cases after the use of V.S. & Blisters &c &

Pyrola Umbellata is now much sought after in Europe & no doubt we shall soon hear much of its Lithontriptic virtues - -

Humulus Lupulus - a Hop

- Supposed by many to be a preventative to calculous affections - especially when in the form of Malt Liquours - but this is by no means clearly made out The English who use so much Malt liquor - have as many operations of Lithotomy as the French who use wine chiefly - Dr Barton found that drinking Malt liquors always aggravated his gouty & nephritic affections -

Daucus Carota used by many -

Oleum Terebinthinae - oil of turpentine first introduced by Dr Physic in Calculous complaints -

The Alliaceous plants - - I have now done with these palliatives for calculus - for I wish you to consider them in no other light than as palliatives

Diaphoretics - are medicines suited to promote a discharge by the skin - whether to be by sensible or insensible perspiration - - - The quantum of evacuation by the skin you may control - but you can have no command whatever over the kind - you can only increase or diminish the activity of the medicines & in that ratio the quantity of perspiration - But there can be no sort of doubt that there is often a change in the nature of the perspired fluids - the different odours of the sweat prove this - In gouty cases it is thought that the sweat contains a great quantity of phosphoric acid -

Diaphoretics act as evacuants in the same way as several others of the class of the evacuantia - viz - not only by directly emptying the blood vessels - but also by increasing the discharge of the functions of the particular organs to which you apply your medicine - & diminishing the action of other organs in the system.

10- Dr. Physic

- Luxations - of the wrist very rare
of the fingers very easily reduced -
- of the joint of the thumb often very
difficult & almost impossible to reduce
Mr C. Bell's plan a good one &c -
- Luxations of thigh bone - It was
formerly thought that the luxation
of the head of femur from the acetable
was very rare indeed - & that most of
the instances were of fractured neck of
the femur - But my own experience
has taught me that the luxation
is much the most frequent - 3 or 4 luxations occuring where there is one fracture . / Apparatus for reduction consists
of a counteracting band over the tuber ischii
- one extending band from above the knee, & a
lateral band from just below the trochanter
-- in the cases of a luxation forwards - there
is generally a rent in the capsular ligament
- here I have by abduction of the thigh as
much as possible & then by giving a rap
upon the trochanter with the hand &c

11 O. clock - Dr Chapman on Recapitulation - in Peritoneal inf - Fomentations are excellent - though there has lately been much dispute respecting their propriety - I many prefer cold applications - but I think warm found the best - - I forget to mention yesterday the effects of Spirits of turpentine in inflammation of the abdominal viscera. They have long been used in the latter stages of inf - to prevent mortification - & in Burns &c - from analogy it was reported to in cases of inf of the Stomach & intestines - to prevent the Black vomiting &c - &c - I have used it in doses of a table spoonful every 2 or 3 hours -

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Continuing my remarks on the affections of the bowels - I come to the consideration of Colic - has been divided by nosologists into several species & varieties & with a preposterous degree of minuteness - I shall consider them all under three heads - 1 - flatulent colik - 2 - Bilious colic & 3 - Colica pictonum

— Flatulent Colic is recognised by the flatus &c which accompany it as well as by its causes &c —
— It arises from indigestible food — cabbages — turnips — &c — — The griping &c are to obviated by the use of carminatives — Spirits — cordials — &c — — warmth applied to the surface — warm bricks to the feet — hot sand — bladders filled with warm water &c After the pains & spasms are thus relieved — attention must be paid to the opening of the bowels — Sometimes the case becomes so violent as to bring on death — I had a case where the Iliac Passion was brought on by eating cabbages — & she died after a constant vomiting of fæces per 3 or 4 hours —
— Bilious Colic — most common in the Southern Southern States — The most distinguishing symptom is the Chill which as the name says almost always precedes it —

— The first indication in this violent & severe inflammᵗⁱᵒⁿ of the bowels is to take away Blood — to the extent of 20 or 30 ℥ — The leading indication is to open the bowels — but so great is the irritation that no medicine can be retained in the first stage — This great irritation & spasmodic contraction — should be calmed by the use of the proper means — as Lime water — anodyne injections — &c — Pills of Opium which have been long made are more effectual than those recently made — injections must be first resorted to — castor oil & salts — &c — but one of the best injections is the infusion of Senna — The Terebinthine injection is the most effectual here — injections of very cold water are very good — this was the favorite of the late Dr Rush — When all these means fail — the tobacco injection must be resorted to — Mr Earle of London has proposed to use the tobacco in the form of a Suppository — a large quid of it to be introduced into the anus —

— I have found one of the most effectual means of relieving these severe constipations of bowels to be injections of tartar emetic — & by mechanically distending intestines by warm water — — — There is a certain relation between the power of the ~~system~~ medicine & the tone of the system — this is called medical harmony — an excellent cathartic here — is a combination of — 3 gr — of Opium with 15 grs of Calomel — the Opium will relax the spasm & the Calomel will then be permitted to operate —
— Blisters are of great efficacy —

Colica Pictonum — was formerly very prevalent here — but for the last 15 years I have never seen a case of it — called so from its first being noticed in the village of Picton in France — Camps —

Wednesday Jan. 14th 1818.

12 o'clock Dr. Chapman — Recapitulation

— Colica Pictonum — It was formerly believed that this form of Colic proceeded solely from Lead — but it is now proved that many other causes exist as the use of acids — unhealthy vegetables — cold — &c &c — yet the majority of cases arise from the influence of Lead — It comes on very slowly — with constipation — attention of Precordia — &c — after a while there is expansive soreness of the precordia — the intestines become twisted into hard knots — vomiting of dark bile — &c — &c — &c — The symptoms are much like those of bilious colic & of course the treatment is similar — with Bloodletting — afterward the Bowels should be evacuated — it was the practice of many to give antiffl — monies — think that the disease depended solely on Miasma —

— — antispasmodic no doubt assist the operation of purgatives — I have found the combination of Opium & calomel to be the surest cathartic — All the cathartics have been resorted to in succession to relieve the great constipation — Castor oil has been confounded here by West India practitioners but it is decidedly inferior to the combination of calomel & Opium. The Epsom salts have been much relied on. —
The volatile tincture of Guaiacum has been highly recommended by many — It relieves the spasms & pains &c. but it should be given in very large doses.
Blisters should be much depended on — they should be applied over the whole abdomen —
— When the spasms have thus been removed & the constipation also — the diet of them becomes much

more manageable - But it may not always happen that 'pains & fever are thus easily removed - - The great report of practice in these cases is to anodynes & cathartics - but some have trusted to Alum - Dr Mosely in particular was a great advocate for alum, in the form of his vitriolic solution - I have not much faith in this remedy - - the great & last report is the use of Mercury to induce a salivation Dr Warren of London - Clutterbuck & - Salivation not only cures the disease but prevents the paralysis which so often follows - my practice is - V.S. in first place - & comb. of opium & calomel - Blisters to abdomen - & finally a mercurial salivation.

"Colica pict" is one of those diseases which is so apt to return - to be prevented by wearing flannel -

— Cholera Morbus This is a
disease of warm weather chiefly
— Like the bilious cholic it seems
to be a fever turned inwards — &c
— consists of copious discharges both
upwards & downwards — &c — &c —
comes on with pains & soreness — &c
— The pulse which was at first weak
— becomes still more so — attended with
great depression — chillings — rattlings
&c &c — It may be distinguished from
Colic by the absence of constipation
— from Dysentery by the discharge
of bile alone — Strictly speaking
bilious colic is a gastric affection
— The impression from miasmata
— indigestibles substances — &c is first
made upon the stomach — There is
reason whatever to suppose that Bile
in Cholera morbus is characterized by
any acrimony or irritating quality
which should induce the disease —

– corresponding with this theory in our practice – the first indication is to remove the impression made on the stomach – but this impression has already caused such an effusion & accumulation of offending matters these must first be evacuated & the stomach rid of its accumulated corbut – before we can attack this morbid impression – – Diluting drinks – chicken tea &c. &c this practice has always prevailed – but first originated in bad theory – from a deep seated idea that the stomach depended upon the use of acrid bile – – I conceived that it would be better to evacuate the stomach directly by an emetic – & this has proved correct – I first administered 20 grs of Ipeca – this thoroughly emptied the stomach & instead of weakening the system still more, it roused it into reaction – the bad effects then ceased &c &c –

— Bloodletting should always be reported to in Cholera Morbus — the system invariably rejects under the use of evacuants. — Whenever in the first stage of disease you find great depression & appearance of weakness — you may rely upon it that there is no real debility — & the only caution in reporting to evacuations is to take care that you regulate your evacuations that the system shall react synchronously. —

Blisters — have been always used — much has been said of the utility & Opium in Cholera Morbus —

Thursday Jan. 15th 1818

10 o'clock Dr. Dorsey — Diaphoretics cont — External means — warm bed cloths — diluting drinks — When diaphoretics are employed great care should be taken to prevent the accession of Cold — especially when the patient is asleep — for then he will require more bed cloths to keep up the same warmth — There is no remedy more popular than sweating — it is reported to in almost all disorders — but when the above precautions are not attended to it may become a very dangerous remedy — After the effects of the diaphoretics are produced the patient is to be removed to a warm dry bed — The action of the Skin & the Kidneys are commonly in the inverse ratio to each other The applications of diaphoretics to particular diseases — & first in intermitting fever — Sweating was first introduced to subserve a particular theory — & like all sound practice it has survived the theory which gave rise to it

-ape- & will probably survive as many others as can be formed —
— When the heat of the surface is very great diaphoretics cannot act — &
— Theories — we are to observe facts, gent, for many centuries to come before we form a regular medical theory — But we may express particular facts — which eff- will often learn the form of a theory — we may say then that diaph- act by determining the blood to the surface & thus prove revulsive — &c — In high arterial action the system must, as Dr Rush used to say, be reduced to the sweating point — In some low states of fever sweating is of very great use — & often it can be the only warrant used — Sweating in Gout is said by Sir Joseph Banks to be an excellent remedy — especially when induced by the Colchicum — In all acute inflammations they are very serviceable —

In eruptive diseases - sweating was much used by the ancients - In the Plague - &c - here after the system is brought down below the grade of excessive morbid action by V.S. & purging - there yet remains some degree of morbid action which is left reduced by sweating - - In Scarlatina the Europeans are in the habit of following or assisting in inducing perspiration by the affusion of cold water - In Catarrh I must enter my protest against the use of diaphoretics - Sweating almost always aggravates the catarrh - & renders the system much more liable to the contracting of catarrhs - &c - In Dysentery - sudorifics are universally approved - my views are founded on the opinion that dysentery is a real inflammatory affection - Dr Mosely enthusiastically declares that sweating will cure dysentery in every stage - degree & climate - &c - It is surprising -

– that such a name as Dr Moseley should have said this – Dysentery will rarely yield to sudorifics alone – – Dr Rush's views of Dys– are correct – in every respect but calling it a catarrh – &c– May I have the doctrine which has been almost ruined by a bad name (unity of disease) correct. Dysentery as well as cholera morbus are often excited by cold alone. I therefore am always cautious to keep the skin open – enveloping the patient in flannel – & avoiding blasts of air – This may appear singular to you – that the diseases of warm weather should be ascribed to cold – – In chronic dysentery tonics & astringents are necessary &c – &c –

In the days of Nervous dejection – Fumigating is often of great importance In mania – In tetanus which arises from cold &c it is very useful

In diabetes sweating is one of the most effectual means - there is always a cold dry surface - which should be obviated by diaphoretics

In Dropsy - they are of great utility

- In many skin diseases where there is an suppressed perspiration - diaphoretics are useful - The old theories of bad bad humours &c - to cure a fever then it was necessary to rot it out by the sweater - - - &c - -

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Dr Chapman sick to day

Friday Jan 16th 1818

9 o'clock Dr Dorsey - Diaphoretics - - Sudorific powders - Antimonial preparations mixed with some of the neutral salts - ant - with nitre - &c - a grain of tartar emetic combined with an ℥ of Glauber salts is a favorite prescription here - - Antimonial wine - To a child just born you may give one gtt - 30 drops to an adult

In bilious fevers &c - the preparations of antimony are decidedly preferred by Sir John Pringle - & &c - Never let your patient know the composition of your remedy - a man in St George's hospital was salivated very profusely by taking bread pills alone - In acute rheumatism &c - James' powder a very uncertain sudorific - In combination with Opium tartar emetic is a very valuable sudorific - anti-wine & Landanum - emet tart - is contraindicated in Gouty dyspeptic cases -

- The next emetic used as a diaphoretic - is the Ipecacuanha - wine of Ipecac - Dovers powder - - - contraindicated where the stomach is irritable &c

The neutral salts are in general possessed of diaphoretic properties - they promote all the various secretions, & more especially the exhalents - &c The Saline mixture - citric acid & potash &c - after a few doses of the saturations of the stomach revolts & the patient's care

In incised wounds of the scalp some of the hair of the head is very apt to get into the bottom of the wound - & if it is not carefully removed it will produce suppn & ulceration. -

Sometimes in consequence of small punctures &c of the scalp there ensues violent inflm delirium &c - It was always supposed that the inflm was propagated to the brain & that suppn was going on there - But you never see extensive inflm taking place on both sides of the cavities of any viscus - in peritonitis the abdominal muscles are never inflamed - In pleurisy the intercostals - & integuments are never inflamed - and in great inflam of the brain there is no external inflm - Whenever you see violent inf - on the outside never bear inf within - - It is on this principle that we apply a blister on the thorax for the pleurisy - on the epigastrium for gastritis &c - & -

The Severe pains which take place after all the birth symptoms are over — I the Lady have heard — 15 — 20 or 30 days after the injury — this pain is of the most distressing kind — is heavy — of a nervous kind — &c. — In some of the cases which I have met with I have succeeded in giving relief by making an incision thro' the painful part — down to the bone — this often gives immediate relief — but this is by no means constantly the case — it often does no good at all & gives frequently only a temporary relief — — In one case where the whole round of all the most powerful remedies (Bark — Opium — Mercury, arsenic &c. &c) had been used with no sort of good — spontaneous vomiting came on & immediately relieved her — Since that time I have resorted to the use of emetics with great success. — — I have also employed emetics in the tic douloureux an affection very analogous to that pain in the head.

— 16 — Dr Chapman

From the consideration of Cholera Morbus I pass to that of the Cholera Infantum — This is almost peculiar to the United States — though the Cholera — or other countries are occasionally afflicted with analogous disorders — considering the great mortality of this disease it is very singular that so little has been said of it — Dr Rush's account of it — comes on with purging of bile — &c. &c. they suffer much pain — draw up their feet — are always uneasy — fever is of a vomiting kind — &c. &c. — a swelling frequently occurs in the abdomen — purging generally occurs with the vomiting — but sometimes — the vomiting or purging continues throughout the whole course of the disease — a sore mouth generally occurs before death — &c —

— The predisposition to cholera infantum is excited by the impure air of large cities — by improper diet — clothing &c. & also by Dentition — It is on the contents of the abdomen that the disease chiefly expends its whole force — It is the mucous membrane that is chiefly diseased — The Hepatic apparatus is found much deranged — the liver is often found to be much altered in its condition — often much indurated — the gall bladder is often filled with unhealthy bile — & —

— It is a gastric affection originally — & through the hepatic organs into a sympathetic derangement — The disease usually commences with a disordered condition of the alimentary canal — & the chief indication in the first stage is to evacuate the bowels thoroughly — But the Ex. of opium vomiting often prevents the retention of any medicine —

- we must first then endeavour to allay this great irritation of the stomach by anodyne injections &c - then castor oil &c - is generally resorted to - - I am generally in the habit of giving Calomel in combination with Opium while the Opium relieves the spasm & irritation the calomel has an opportunity to operate - There is most commonly a febrile heat on the surface - with a very quick & irritated pulse - &c - here there can be no doubt of the propriety of administering Ipecac to excite vomiting - my own experience proves this incontestibly - it will relieve the stomach of its morbid contents - & give strength & tone to it - but it will even do more than this - determine the blood to the surface & excite perspiration - &c - Bear in mind the visceral inflammation which is always found in Cholera infantum - - upon with them I have no doubt of the propriety of V-S - I even bled several times in the more violent cases of cholera infantum

– After preparing Stomach in the manner I have mentioned a mercurial purge is to be administered – in room of calomel resort to a Solution of the Epsom salts – they have a particular effect in relieving irritability &c – After having thoroughly evacuated the bowels – I no longer continue the use of purging. –
It is the practice of many to keep up a constant cathartic from an idea that the disease originates from the irritating contents of the canal &c – I hold that precisely the opposite is the effect – The purging &c results from an irritated impression made upon the Stomach – &c – I administer next – Opium & Ipeca – ℞ – 1 gr of Opium – 2 of calomel – & 3 grs of Ipeca – ℞ – divide into 8 powders – one every 2 or 3 hours – I always resort to such means as will make a powerful impression on the Skin – The warm bath is one of the best means – There is often in this fever an great

inequality in the temperature of the skin - one part will be very cold - while another is very hot - the warm bath will help relieve this -

Blisters commencing with the same means are excellent - After continuing 2 or 3 weeks this disease often runs into a chronic diarrhea - the stomach becoming very weak - & irritable -

℞ 2 ozs of Chalk - 15 drs of Laudanum - Sugar 1 oz - water -

℞ - Rhubarb 10 grs - of Calcined magnesia 30 grs - 16 drops of Laudanum - 2 ounces of sugar - mucilage seed & 3 ounces of water - 2 -

℞ - of castor oil 1 3 - Loaf sugar 1 3 whites of 2 eggs - add 5 3 - of lime water & 20 drops of Laudanum - Opium injections - & &

In the diarrhea resembles that of adults so much - I defer the management of it to another section - but I -

– but I will say a few words on the treatment of this diarrhea now – alum exhibited in 2 or 3 grs with 1 gr. of opium – chalk – &c. Sugar of lead – &c. Sugar of lead – But my fav remedy is the root of the dewberry – ??

– We can moderate or suspend an attack of cholera infantum – but we can hardly ever effect a cure – relapse will often follow upon relapse &c – The most effectual is a removal into the country – Dr Dwight said he never knew a country residence fail of curing. – another excellent means – is exposing the child to the motion of a boat, in crossing the river in a ferry Boat – &c. The prophylactic rules are 1st Never permit a child to be weaned within the birth year – no food is so salutary as the mothers milk – 2d – recommend very strongly the use of cold bathing – this promotes cleanliness & gives tone to the alimentary canal

3d – make the child wear flannel around the neck – & worsted stocking

– 4th – pay strict attention to the diet of the child –

5th during the progress of dentition let the teeth of the child be frequently examined & any swelling appear lance it & The irritation of dentition produces many diseases – a prejudice exists against the lancing of the gums in dentition – but this is wholly groundless – &c –

It is a very singular fact that though a few years ago our city was annually depopulated with this disease – it now rarely appears – whether this is owing to a change in the constitution of the atmosphere – or to the introduction of the Schuylkill water it is impossible to say – –

– Monday Jan. 19. 1818.

– Diaphoretics continued

– Camphor has been ranked among the Sudorifics – particularly in the exanthems – Musk – Castor – &c – &c

– Eupatorium perfoliatum

Dr Barton ranked it as an emetic, a diaphoretic & tonic – Every part of the plant is powerful – given in the form of a tea – The Indians used it to cure intermittents – They gave it in very strong infusions so as to prove a pretty powerful tonic – I should prefer Ipecac as a diaphoretic – & Bark as a tonic – It has just about as much power in the yellow fever &c – as so much water – & no more. It may undoubtedly be of service in the mild remitting fevers. – There are various Diseases in which Eupatorium has been used as in cutaneous diseases – &c – &c In Pneumonia typhoides it was a very useful diaphoretic.

Polygala Seneka – give it in half the dose

- Laurus Sassafras - a tree made of it is much used in this part of the country under the name of Spring Physic - Dr Barton considers it as very analogous to Camphor - It forms a very useful to the famous "Lisbon diet."

Guiacum officinale - placed by Cullen under the head of stimulants - but from its evident effects on the Skin - I place it here - it is the same tree which is called Lignum vitae - It was first used as a remedy in Venereal in the west Indies - It was diaphoretic - emetic & cathartic? Purgative - half a pound of the shavings boiled in quarts of water to.... ... The tincture of Guiacum is made by dissolving the Gum resin in ammoniated alkohol - Mr Brandt has proved that this is not a Gum resin but a particular substance. Very useful in Rheumatism as a Sudorific at bed time - Guiacum is sometimes used in Gout - - Cortex pictorum Mezereon Daphne - placed by Cullen among his acrid stimulants - but their stimulating is not more evident than their diaphoretic - Ung mediem used to produce vesication - used in Chronic Syphilis - It enters into the Lisbon diet Drink

Decoctum Lusitanicum - or the Lisbon diet drink - is in general use all over the world particularly in all chronic cases. - I met with it in every hospital abroad - - of this diet drink I have prescribed great quantities in my life & have carefully observed its effects - It is a gentle tonic - but has no sort of power over Syphilis.

Dr Chapman reports very favorably in favour of the Savin as a diaphoretic. - He speaks most warmly of it in chronic rheumatism - - It is recommended by Heifelder in Gout - & as an emmenagogue we shall again speak of it

Sialogues - They have been divided into those which act in Mastication - or when taken internally. The only masticatory I think worthy of notice is the tobacco - but simple discharge of saliva is of very small consequence - In the other division of Sialogogues is the only important one - Mercury - other preparations do occasionally excite ptyalism, but this effect is only accidental - & Mercury alone is reported to as a Sialogogue - -

So far as its properties are known, I proceed to explain them. - In its regulus state is said to have Mercury has no power over the system - But instances have occured where proclivity to crude Mercury has excited salivation Crews of vessels have all been salivated by the bursting of a cask of Mercury. - 2 - It is said to produce violent effects in the Miners who dig it up - 4 years is the average life of a Miner for Mercury - the fits of spasm - convulsion - &c -

- a livid paleness is the precursor of ptyalism

10 o'Clock. Dr Physick

- Injuries of the Brain & its membranes - compression of the Brain - drowsiness - the loss of sense & the power of voluntary motion - sickness of the stomach & often vomiting - There is sometimes an entire loss of sense & motion. Immobility of the iris - I have often seen the iris permanently contracted as well as dilated. - Injury may be produced by fracture of the Skull & depression of a fragment - The next is when the Brain is put into a state of compression & a rupture of some blood vessel of the Brain -

— 11 — Dr Chapman — Dysentery cont.
— In my detail of the treatment of Dysentery I had advanced as far as Diaphoretics — The best mode to excite diaphoresis is by a combination of Ipecac — Opium & Calomel — This mixture composes irritation — relaxes the skin — opens the surface bowels — &c &c.
— As an infinitely more certain & powerful diaphoretic Dover's powder should be resorted to — but it should never be employed till after evacuations have been procured — Ipecac — is highly beneficial in every form & stage of Dysentery — but I think it most beneficial when the pain is very violent & the desire to go to stool very frequent — The great utility of Ipecac — in Dysentery does not rest upon my authority alone. Dr Rhodes Thornbrough has been vigorously efficacious — Cullen & Thomas it acts here as a purgative — but I think that it produces its good effect in Dysentery by acting on the surface — Dr Clarke has recommended it to be given as an injection

- A decoction of Ipecac is wholly inert -
- Mr. Maxfair a surgeon in Bengal
gave Ipecac. in the dose of 1/2 a drachm rubbed
up with half an ounce of Laudanum
confining the patient afterwards to a
horizontal posture - This he found to
succeed when all other modes of treatment
had failed - This seems to me to be a rational
method - but I have never tried it -
Much has been said in favour of the
Antimonial preparations in the place
of Ipecac - But my experience has proved
the Antimonials decidedly inferior to Ipecac
- others however have a different opinion -
Sir John Pringle found the cerated glass of Ant
- most effectual -
As an empiric you will find very great
advantages to result from the application of
external revulsives to the surface -
much has been said of the utility of certain
liniments to the abdomen - Laudanum
- but the best are decidedly those of a stimu-
-lating kind - as the Spirits of turpentine
wring out cloths with the fits of turpentine
& apply them to the belly

— The warm bath in dysentery is often of the greatest utility — but as it often extremely difficult to be procured it is generally dispensed with — Of late however, a remedy has been proposed which supersedes the use of the warm bath & fomentations — I allude to the application of a roller round the abdomen — 5 or 6 yards of bare flannel bound tight round the whole abdomen — Ever since — but I have seen in the habit of using this plan a long while

Blisters in dysentery are of the first utility — most powerful when placed over the diseased parts — My own practice in this respect is to premise copious evacuations — with one or two copious venesections — if these do not subdue the disease I next apply a very large Blister over the whole abdomen — There are (or 2 local affections attending the disease which require great attention — viz — tormina and tenesmus — many remedies have been given to relieve these — into these Opium enters largely — I have found the Lumbrica best relieved by the

– the oleaginous mixture – one or two table spoonfuls every hour – this may be improved by rubbing in Shells of eggs – 2 lime water – no will you derive up advantage from a mixture of Spec & Opium in the proportion of 2 parts of the Spec. to 1 of Opium – The tenesmus is best relieved by introducing 3 or 4 grs of it into the rectum – But incomparably the best remedy for tenesmus is an injection of melted butter free from salt – It is a fact which you should be acquainted with that animal oils are much less irritating than the vegetable –

I have as yet said nothing of the use of Mercury in dysentery – In the East India the great dependence is upon a speedy Salivation – That dysentery is always connected with Hepatic Derangement – – The Nitric acid has been very strongly recommended as a substitute for Mercury

Tuesday Jan 20th 1818 -

9 o'clock Dr. Dorsey. Pathology agues.

- The operations of Mercury in exciting Ptyalism has always been under discussion - The first theory was that it was taken up by the circulation & in its passage through the glands &c carried away all obstructions &c. - Dr Berry published a defence of this doctrine in 1763 - Paracelsus thought it operated as an evacuant alone - Dr Cullen has added but very little to the theory of Paracelsus - Dr John Hunter's theory of its operation in curing the venereal disease - founded on the doctrine of the incompatibility of two actions going on at once in the system - Dr. Adams is by far the ablest commentator on Hunter - His explanation of the operation of Mercury is in my view the only correct one. & it is a very vile & incorrect story that this doctrine was ever advanced before Hunters day. - If the effect is attributed to oxygen alone - the theory would be still the same. - But it is not true that the cure is effected by oxygen - for we can introduce safely more than double of oxygen

into the system without effect. -

Is Mercury ever absorbed into the syste-m? - Every action in the body is produced by sympathy - for it always extends beyond the impression - Nothing then can be gained by proving that Mercury is absorbed into the system - But a great many facts have been adduced to prove that it is. Dr..... of Edinburgh asserted that he found Mercury in the milk of a woman who had been salivated. But this has been tried over & over again without the least corroboration. Haller enumerates hundreds of instances of the finding of mercury in the bones &c - but they are all quoted from incredible authors & all of them were Mercurial Pathologists - Men easily fall into the belief of what they wish, or fear. A moon beam falling on a sheet easily produces the idea of a ghost. &c - Dr. Physics experiments on this subject. Dr Leyhets experiments - They are decisive - & go to prove that Mercury is never introduced. - There is no fact which goes to prove that mercury is ever introduced into the absorbents - & if it

were it is altogether probable that they by their digestive power would entirely decompose the quicksilver &c.
— Salivation may be excited by the stimulus of the imagination alone — many have been salivated by bread pills &c. when they thought they were mercury.
It is my opinion therefore that Mercury acts by directly stimulating the parts to which it is applied, & the rest of the system by sympathy.
Mercurial ointment — the best is that which is made by rubbing pure quicksilver in hogs lard.
— Calomel & Corrosive sublimate —
— Calomel is the best of all the mercurial preparations — To purge as a Cathartic it should be given in very small doses — from 1/2 a grain to 2 grains. — Corrosive sublimate — in pills. the best method of making the pills of corrosive sub.e is to triturate a solution of the salt with gum arabic. —
C.....

10 - Dr Physic on compression - of the Brain - inf - of the Brain 2 d -

11 - Dr Chapman

To conclude the consideration of the more inflammatory forms of dysentery it only remains to treat of the Diet - The Diet should be such as to render the feces of a fluid nature. The mucilaginous drinks are the best - such as decoction of the Slippery Elm - Gum water - &c - &c - they are thought by some to blunt the acrimony of the fluids & to sheath the surface from the action of irritants - but it is a relict of the old absurd pathology - nothing sheaths a living surface &c. This finishes the consideration of the inflammatory form of dysentery. But in all crowded & filthy places as jails &c the dysentery assumes a low & typhus state - here the treatment should be varied & adapted to the state of the system

— The remedies should here be chiefly addressed to the intestines — We should attempt to get the system under the influence of Mercury — I do not recollect that I ever knew a case in which Mercury fairly affected the system that the patient did not recover — The mercury should be given very liberally — & at the same time the active & diffusible stimulants should be thrown in —

It is well known to you all that Dysentery sometimes assumes an intermittering form — Chephrom in Minorca — Moulton the river of Sydenham — & I have often seen it in the patients of the Alms house. I never found any room for the administration of Bark in the intermittents which were complicated with Dysentery — The irritable state of the bowels altogether precludes the use of Bark. It was my practice to disregard the intermittent altogether till the bowel affection was wholly removed —

Charcoal has been reported to in this form of dysentery –

– Chronic dysentery – here the bowels become very irritable &c. the discharges thin &c. &c the skin shrunk – dry & shrivelled &c. there evidently becomes in these cases a confinement of the blood to the great vessels – Dovers powder is here invaluable. It is here that the Rollers I mentioned yesterday may be most advantageously employed – Calomel – the Nitric acid may be here used with great advantage –

Diarrhoea is very much allied to dys – but nosologists distinguish it by the fact that diarrhoea is never contagious – that is unaccompanied by fever &c – Take however the worst case of diarrhoea & the mildest case of dysentery & you will be puzzled to find any difference – there is an increased peristaltic motion

— Diarrhea may be divided into Idiopathic & Symptomatic — Indications 1st — to remove the Morbid cause & 2d - to check intestinal action — a purgation of calomel — after it has subsided a dose of Rhubarb is commonly indicated — but should there be fever V. S. should be premised & followed by a diaphoretic — Warm baths with some of the combinations of Opium or the Spirits of Mindererus is often very serviceable — Diarrhea is however sometimes complicated with an organic derangement of the viscera. If there be also a cordial & tonic pulse do not hesitate to resort to V. S. & this should be repeated more than once. Be not discouraged if no very striking effects follow the first bleeding in old & chronic cases — as long as there is an active pulse go on bleeding — I have often been forced to bleed 3 or

– 20 times in Chronic diarrhea
– I can have support by the practice
of all the practitioners of this City –
– Ipecac is very serviceable here –
Dovers Powder &c.
Much advantage would be expected
from the habitual use of the warm bath
– but its good effects are increased by
the addition of some stimulating sub-
stance – as red pepper – &c – to bath of
warm brine &c..
Alum is often serviceable here – my mode
is to give 3 or 4 grs of Alum with 1/2 gr of
Opium – & sometimes with 3 or 4 grs of
Ipecac. – a combination of alum &
white vitriol is celebrated by Mosely –
– but I have never found any such great
efficacy in this article – It is very nause-
ating to the stomach. Dr Barton was
an enthusiastic advocate for the use of the
nitrate solution in Chronic diarrhea
– Blisters in the unanimous voice of
all practitioners that I have heard